



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107-4431

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

APR 15 1993

Mr. Robert Galloway
Sacred Heart Medical Center
Sacred Heart Medical Office Building
2602 West Ninth Street, Suite 100
Chester, Pennsylvania 19103

Re: Recycling Sciences International, Inc. (PAD987283439)
210 East 10th Street, Marcus Hook, PA 19061

Dear Mr. Galloway:

On September 25, 1990, Recycling Sciences International, Inc. ("RSI") mobile facility treated soils contaminated with gasoline (EPA Hazardous Waste Code D018) at 210 East 10th Street, Marcus Hook, PA ("the site"). RSI stored 12 drums of pre- and post-treatment wastes at the site from September 15, 1990 to October 4, 1991. After that period of time, RSI shipped the materials off-site for disposal.

Companies that generate, transport, store, or dispose of hazardous wastes are required under the Solid Waste Disposal Act, commonly referred to as the Resource Conservation and Recovery Act of 1976, as amended ("RCRA"), to properly manage their hazardous wastes. In 40 C.F.R. Section 265.37, an owner or operator of a hazardous waste treatment facility must attempt to make arrangements to familiarize local hospitals with:

1. the properties of hazardous waste handled at the facility and the types of injuries or illnesses which could result from fires, explosions, or releases at the facility.

It is possible that RSI may have subcontracted these tasks through Compliance Services, Inc. of Wayne, Pennsylvania. Did RSI and/or Compliance Services, Inc. contact the Sacred Heart Hospital to complete any of the above mentioned RCRA requirements? If the Sacred Heart Hospital was contacted, which requirements were completed? When were these requirements completed?

Ms. Marie Cassese, Senior Vice President of Operations at the Community Hospital in Chester, PA has informed EPA that you have access to the records or files that may indicate the answers to the above questions.

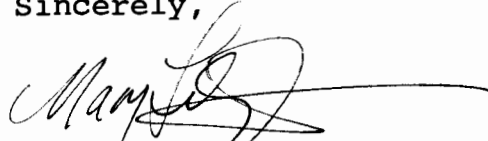
EPA hereby requests that you furnish to EPA within thirty (30) calendar days of receipt of this letter, the information requested above.

Please send the requested information to:

U.S. Environmental Protection Agency
Region III
841 Chestnut Building
Philadelphia, PA 19107
Attn: Eric R. Johnson (3HW62)

If you have any questions concerning this matter, please contact Mr. Eric R. Johnson at (215) 597-9326.

Sincerely,



Mary Letzkus, Chief
RCRA Enforcement Section

| Concurrences | | | | | | | |
|--------------|-------------|--|--|--|--|--|--|
| Symbol | 3HW62 | | | | | | |
| Surname | JOHNSON | | | | | | |
| Date | May 4-15-93 | | | | | | |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III
841 Chestnut Building
Philadelphia, Pennsylvania 19107

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

JUL 27 1992

Mr. Anthony Novelli
Director of Compliance Services
Recycling Sciences International, Inc.
30 South Wacker Drive
Suite 1420
Chicago, IL 60606

Re: Recycling Sciences Center (PAD987283439)
210 East 10th Street, Marcus Hook, PA 19061

Dear Mr. Novelli:

Pursuant to the enforcement authority granted to the U.S. Environmental Protection Agency ("EPA") under Section 3007(a) of the Resource Conservation and Recovery Act ("RCRA"), 42 U.S.C. Section 6927 (a), which provides in relevant part that "any person who generates, treats, stores, transports, disposes of, or otherwise handles or has handled hazardous waste shall, upon request of any officer, employee, or representative of the Environmental Protection Agency, duly designated by the Administrator, ...furnish information relating to such wastes..." (emphasis added), EPA hereby requests that you furnish to EPA within thirty (30) calendar days of receipt of this letter, the information requested below. This letter supersedes the previous information request dated April 2, 1992.

In responding to this information request, you should base your answers on information and documents in your possession or reasonably available to you. If you cannot answer any question in its entirety, answer as much of the question as you can with the resources available to you. Where information necessary for complete response is neither in your possession nor reasonably available to you, indicate this fact in your response, and identify the document(s) which you expect would contain the necessary information and any source that either possesses or is likely to possess such information.

Please provide a separate narrative response to each question. Precede each answer with the number of the question to which it corresponds. A request for documents shall be construed as a request for any and all documents maintained by you or in your custody, control, or possession relating to the matters described below.

2

"Document" shall mean writings (handwritten, typed, or otherwise produced or reproduced) and includes, but is not limited to, any invoices, checks, receipts, bills of lading, weight receipts, toll receipts, correspondence, offers, contracts, agreements, deeds, leases, manifests, licenses, permits, bids, proposals, policies of insurance, logs, books of original entries, minutes of meetings, memoranda, notes, calendar or daily entries, agendas, bulletins, notices, announcements, charts, maps, photographs, drawings, manuals, brochures, reports of scientific study or investigation, schedules, price lists, telegrams, teletypes, phono-records, magnetic voice or video records, tapes, summaries, magnetic tapes, punch cards, recordings, discs, computer print outs, or other data compilations from which information can be obtained or translated.

QUESTIONS

With respect to the Recycling Sciences Center facility located at 210 East Tenth Street, Marcus Hook, PA (the "Facility"), please submit the following information:

1. Provide a detailed description of the operations actually conducted at the Facility, including:
 - a. the date(s) of operation,
 - b. the source, amount and nature of any materials processed at the Facility,
 - c. the processes used at the Facility,
 - d. any waste streams generated as a result of operations at the Facility, including the manner in which such streams are treated, stored, disposed of, or otherwise managed.
2. Identify any and all federal, state and local permits or approvals obtained or applied for with respect to operations conducted or expected to be conducted at the Facility. With respect to each such permit or approval, provide the following:
 - a. the date of application,
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3. Provide copies of any hazardous waste manifests, invoices, or other shipping documents received by the Facility with respect to materials received at the Facility for processing.

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7. Identify those portions of the Facility, if any, with respect to which construction is not yet completed, and, for each portion, provide the dates or expected dates of the start-up and completion of construction. Provide copies of any documents evidencing any contractual obligations entered into by the Facility for physical construction at the Facility.
8. Provide a copy of the written waste analysis plan for the Facility required under 40 CFR § 265.13(b).
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12. Provide a description of the arrangements and agreements made with state and local authorities with respect to the Facility in accordance with 40 CFR § 265.37.
13. Provide copies of the Facility's Contingency Plan, Operating Record, and Closure Plan as required under 40 CFR Sections 265.51, 265.73, and 265.112, respectively.
14. Provide a description of the assumptions made in calculating the cost estimate for the closure of the Facility.
15. Provide a copy of any tank assessment performed with respect to tanks used for the storage or treatment of hazardous waste at the Facility as required under § 265.192(a).

16. Provide a description of the measures taken with respect to the Facility in accordance with 40 CFR § 265.14.

The provisions of Section 3008 of RCRA, 42 U.S.C. Section 6928, authorize EPA to pursue penalties for failure to comply with or respond adequately to an information request under Section 3007(a) of RCRA. In addition, providing false, fictitious, or fraudulent statements or representations may subject you to criminal penalties under 18 U.S.C. Section 1001. The information you provide may be used by EPA in administrative, civil or criminal proceedings.

You are entitled to assert a claim of business confidentiality covering any part or all of the information, in a manner described in 40 C.F.R. Part 2, Subpart B. Unless a claim of business confidentiality is asserted at the time requested information is submitted, EPA may make this information available to the public without further notice to you.

This collection of information requested is not subject to review by the Office of Management and Budget pursuant to the Paperwork Reduction Act, 44 U.S.C. Sections 3501-3520.

Please send the requested information to:

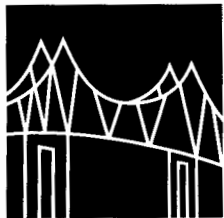
U.S. Environmental Protection Agency
Region III
841 Chestnut Building
Philadelphia, PA 19107
Attn: Barbara Okorn (3HW51)

If you have any questions concerning this matter, please contact Ms. Barbara Okorn at (215) 597-8116.

Sincerely,


Robert L. Allen, Chief
RCRA Programs Branch

cc: L. Lunsik (PADER)



Community Hospital

2600 West Ninth Street
Chester, PA 19013-2098
(215) 494-0700
(215) 494-2033 FAX

April 8, 1993

Mr. Eric R. Johnson (3HW62)
U.S. Environmental Protection Agency
Region III
841 Chestnut Building
Philadelphia, Pennsylvania 19107

Re: Recycling Sciences International,, Inc. (PAD987283439)
210 East 10th Street, Marcus Hook, PA 19061

Dear Mr. Johnson:

In response to your letter of April 7, 1993 to Robyn Green, please be advised that Community Hospital of Chester acquired the former Sacred Heart Medical Center on May 2, 1993. Our Safety Officer does not recollect any verbal communication from RSI or Compliance Services regarding hazardous waste in Marcus Hook, PA in 1990-1991. As Community Hospital does not have access to the records or files of the previous owner, we suggest all correspondence or inquiries regarding Sacred Heart be directed to:

Mr. Robert Galloway
Sacred Heart Medical Center
Sacred Heart Medical Office Building
2602 West Ninth Street, Suite 100
Chester, PA 19013

Should you have any further questions, please feel free to contact me at 497-7421.

Sincerely,

Marie Cassese
Senior Vice President, Operations

MC/k



215-491-0700 ? 4/15/90

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107-4431

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Robert Galloway
Sacred Heart Medical Center
Sacred Heart Medical Office Building
2602 West Ninth Street, Suite 100
Chester, Pennsylvania 19103

Re: Recycling Sciences International, Inc. (PAD987283439)
210 East 10th Street, Marcus Hook, PA 19061

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Philadelphia, PA 19107
Attn: Eric R. Johnson (3HW62)

If you have any questions concerning this matter, please contact Mr. Eric R. Johnson at (215) 597-9326.

Sincerely,

Mary Letzkus, Chief
RCRA Enforcement Section



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107-4431

Ms. Robin Green
Sacred Heart Hospital
9th and Wilson
Chester, Pennsylvania 19013

Re: Recycling Sciences International, Inc. (PAD987283439)
210 East 10th Street, Marcus Hook, PA 19061

Dear Ms. Green:

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Attn: Eric R. Johnson (3HW62)

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Sincerely,

Mary Letzkus, Chief
RCRA Enforcement Section



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107-4431

Sergeant McGrath
Marcus Hook Police Department
10th and Greene Street
Marcus Hook, Pennsylvania 19061

Re: Recycling Sciences International, Inc. (PAD987283439)
210 East 10th Street, Marcus Hook, PA 19061

Dear Sergeant McGrath:

On September 25, 1990, Recycling Sciences International, Inc. ("RSI") mobile facility treated soils contaminated with gasoline (EPA Hazardous Waste Code D018) at 210 East 10th Street, Marcus Hook, PA ("the site"). RSI stored 12 drums of pre- and post-treatment wastes at the site from September 15, 1990 to October 4, 1991. After that period of time, RSI shipped the materials off-site for disposal.

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1. the layout of the facility, properties of hazardous waste handled at the facility and associated hazards, places where facility personnel would normally be working, entrances to roads inside the facility, and possible evacuation routes; and
2. Where more than one police department might respond to an emergency, agreements designating primary emergency authority to a specific police and a specific fire department, and agreements with any others to provide support to the primary emergency authority;

It is possible that RSI may have subcontracted these tasks through Compliance Services, Inc. of Wayne, Pennsylvania. Did RSI and/or Compliance Services, Inc. contact the Marcus Hook Police Department to complete any of the above mentioned RCRA requirements? If so, which requirements were completed?

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Region III
841 Chestnut Building
Philadelphia, PA 19107
Attn: Eric R. Johnson (3HW62)

If you have any questions concerning this matter, please
contact Mr. Eric R. Johnson at (215) 597-9326.

Sincerely,

Mary Letzkus, Chief
RCRA Enforcement Section



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107-4431

Sheriff Osborn
Delaware County Sherrif Department
County Court House
Media, Pennsylvania 19063

Re: Recycling Sciences International, Inc. (PAD987283439)
210 East 10th Street, Marcus Hook, PA 19061

Dear Sheriff Osborn:

On September 25, 1990, Recycling Sciences International, Inc. ("RSI") mobile facility treated soils contaminated with gasoline (EPA Hazardous Waste Code D018) at 210 East 10th Street, Marcus Hook, PA ("the site"). RSI stored 12 drums of pre- and post-treatment wastes at the site from September 15, 1990 to October 4, 1991. After that period of time, RSI shipped the materials off-site for disposal.

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1. the layout of the facility, properties of hazardous waste handled at the facility and associated hazards, places where facility personnel would normally be working, entrances to roads inside the facility, and possible evacuation routes; and
2. Where more than one police department might respond to an emergency, agreements designating primary emergency authority to a specific police and a specific fire department, and agreements with any others to provide support to the primary emergency authority;

It is possible that RSI may have subcontracted these tasks through Compliance Services, Inc. of Wayne, Pennsylvania. Did RSI and/or Compliance Services, Inc. contact the Delaware County Sheriff's Department to complete any of the above mentioned RCRA requirements? If so, which requirements were completed?

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Please send the requested information to:

U.S. Environmental Protection Agency
Region III
841 Chestnut Building
Philadelphia, PA 19107
Attn: Eric R. Johnson (3HW62)

If you have any questions concerning this matter, please
contact Mr. Eric R. Johnson at (215) 597-9326.

Sincerely,

Mary Letzkus, Chief
RCRA Enforcement Section



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107-4431

Chief Sandy Urban
Marcus Hook Fire Department
8th and Market
Marcus Hook, Pennsylvania 19061

Re: Recycling Sciences International, Inc. (PAD987283439)
210 East 10th Street, Marcus Hook, PA 19061

Dear Chief Urban:

On September 25, 1990, Recycling Sciences International, Inc. ("RSI") mobile facility treated soils contaminated with gasoline (EPA Hazardous Waste Code D018) at 210 East 10th Street, Marcus Hook, PA ("the site"). RSI stored 12 drums of pre- and post-treatment wastes at the site from September 15, 1990 to October 4, 1991. After that period of time, RSI shipped the materials off-site for disposal.

Companies that generate, transport, store, or dispose of hazardous wastes are required under the Solid Waste Disposal Act, commonly referred to as the Resource Conservation and Recovery Act of 1976, as amended ("RCRA"), to properly manage their hazardous wastes. In 40 C.F.R. Section 265.37, an owner or operator of a hazardous waste treatment facility must attempt to make arrangements to familiarize fire departments and emergency response teams with:

1. the layout of the facility, properties of hazardous waste handled at the facility and associated hazards, places where facility personnel would normally be working, entrances to roads inside the facility, and possible evacuation routes; and
2. Where more than one fire department might respond to an emergency, agreements designating primary emergency authority to a specific police and a specific fire department, and agreements with any others to provide support to the primary emergency authority;

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Attn: Eric R. Johnson (3HW62)

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Sincerely,

Mary Letzkus, Chief
RCRA Enforcement Section

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 CHESTNUT BUILDING
PHILADELPHIA., PENNSYLVANIA 19107

SUBJECT: Recycling Sciences International, Inc.

SEP 4 1992

FROM: Paul J. Gotthold, Chief
PA/DC Permits Section (3HW51)

TO: Mary Letkuz, Chief
RCRA Enforcement Branch (3HW62)

Recycling Sciences International (RSI) is a commercial treatment operation that utilizes a mobile "low temperature thermal description device" to destroy hazardous waste and contaminated soils.

RSI attracted the attention of EPA Headquarters when the company attempted to qualify for interim status under the TCLP Rule at three sites around the country.

EPA Headquarters has serious reservations about allowing mobile unit of operations to qualify for interim status by virtue of a few hours operation. Region III RSI set up operation on 10th Street in Marcus Hook, PA. RSI prepared seven 55-gallon drums containing 2 gals of gasoline/700 # clean sand. This mix was intended to "demonstrate" the efficiency of the process and allow the facility to meet the "in-existence" criteria for interim status. Approximately 1/2 of one 55-gal drum was treated at the Marcus Hook site on September 15, 1990.

On this basis RSI submitted notification/Part A documents to Region III. Region III acknowledged these documents on February 27, 1991 with a letter stating that pending further review, RSI Marcus Hook qualified for interim status.

Concurrent with events in Region III, Region V and Region IX received applications for interim status from two other RSI locations. Apparently, the same desorb unit traveled to each of the three RSI properties and operated for a short time to establish existence.

EPA Headquarters became involved in RSI at the request of Region IX in the spring of 1991. There were RCRA compliance problems with the Arizona "facility" of RSI. EPA Headquarters contacted EPA Region III and asked us to withhold confirmation of interim status. We told headquarters interim status had already

been tentatively acknowledged, but we would withhold any confirmation. We also asked the RCRA Enforcement Section if they wanted to review the situation. RCRA Enforcement declined without comment.

However, RCRA Permits found some discrepancy with RSI submission and conducted a site visit in the Fall of 1991. The purported location of the Marcus Hook facility was a vacant lot, and also part of a Superfund site. In addition, Bill Sleutville (CERCLA) reported that drums had been removed from RSI's property at his urging. These drums were stored on site for more than 90 days.

We contacted Headquarters and discovered that RSI's attempts to qualify for interim status were under review by OWPE. Region IX had an §3008(a) action planned and Region V was also considering an enforcement approach.

Based on this new information, we contacted Tim Malloy (ORC) and asked for advice. He suggested a §3007 letter to gather information on (1) did the company have interim status; and (2) Was the facility "operating" in compliance with Part 265 technical requirements. The Company's response is attached.

RSI informed us that they had no intention of returning to the Marcus Hook site and wanted to withdraw their request for interim status.

In our opinion, RSI should be refrained from any operations at the Marcus Hook site, and either: close the facility under 265 or enforce the 265 standards. Conversely we could let them withdraw, meaning we tell them they never qualified for interim status. However, this option has no legal bearing and could result in resumed operation in the future.

RSI did not make a "good faith" effort at establishing a legitimate TSD or complying with appropriate protective standards. Due to the Marcus Hook site's proximity to a residential neighborhood and the national scope of interest, we are requesting an enforcement review of the §3007 response. We will assist in any way we can.

Attachments:

cc: B. Okorn
R. Allen



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III
841 Chestnut Building
Philadelphia, Pennsylvania 19107

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Anthony Novelli
Director of Compliance Services
Recycling Sciences International, Inc.
30 South Wacker Drive
Suite 1420
Chicago, IL 60606

Re: Recycling Sciences Center (PAD987283439)
210 East 10th Street, Marcus Hook, PA 19061

Dear Mr. Novelli:

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16. Provide a description of the measures taken with respect to the Facility in accordance with 40 CFR § 265.14.

The provisions of Section 3008 of RCRA, 42 U.S.C. Section 6928, authorize EPA to pursue penalties for failure to comply with or respond adequately to an information request under Section 3007(a) of RCRA. In addition, providing false, fictitious, or fraudulent statements or representations may subject you to criminal penalties under 18 U.S.C. Section 1001. The information you provide may be used by EPA in administrative, civil or criminal proceedings.

You are entitled to assert a claim of business confidentiality covering any part or all of the information, in a manner described in 40 C.F.R. Part 2, Subpart B. Unless a claim of business confidentiality is asserted at the time requested information is submitted, EPA may make this information available to the public without further notice to you.

This collection of information requested is not subject to review by the Office of Management and Budget pursuant to the Paperwork Reduction Act, 44 U.S.C. Sections 3501-3520.

Please send the requested information to:

U.S. Environmental Protection Agency
Region III
841 Chestnut Building
Philadelphia, PA 19107
Attn: Barbara Okorn (3HW51)

If you have any questions concerning this matter, please contact Ms. Barbara Okorn at (215) 597-8116.

Sincerely,


Robert L. Allen, Chief
RCRA Programs Branch

cc: L. Lunsik (PADER)



RECYCLING SCIENCES INTERNATIONAL, INC.

An Environmental Restoration Company

30 South Wacker Drive, Suite 1420

Chicago, Illinois 60606

(312) 559-0122

August 18, 1992

Ms. Barbara Okorn
U.S. EPA Region III
841 Chestnut Building (3HW51)
Philadelphia, PA 19107

RE: Recycling Sciences International, Inc. ("RSI") 210 E. 10th St.,
Marcus Hook, Pennsylvania 19061. - EPA ID #PAD987283439

Dear Ms. Okorn:

The purpose of this letter is to provide response to Region III's Request For Information, and to withdraw RSI's interim status claim for the treatment and storage operations at the address referenced above. It was RSI's hope of attaining interim status in order to develop the site into an ongoing commercial operation, providing both fixed and mobile treatment capabilities to the area.

RSI treated soils prior to September 25, 1990, which qualified as TC waste after that date under newly effective TCLP regulations. Since the original test run on September 16, 1990, RSI has not treated any soils at the Marcus Hook Site, and RSI has no intention of treating or storing any soil there in the future. RSI stored 12 drums of pre- and post-treatment byproducts at the site (6 of which were TC material) from September 15, 1990, to October 4, 1991. After that period of time, RSI shipped the materials off-site for disposal. Included in the following attachments are the corresponding shipping documents for this waste movement. RSI believes it performed all operations at the Site in full compliance with interim status standards for the protection of human health and the environment.

Since RSI did not commence hazardous waste treatment operations, and the minimal storage that occurred posed no risk to the environment, RSI sees no requirement for normal closure activities, and wishes to withdraw its claim for interim status.

Pursuant to Region III's Request for Information received by RSI on July 20, 1990, please find enclosed the attached responses regarding the Marcus Hook, Pennsylvania site.

Please advise as to how you wish to proceed on this matter. Should you have further questions, please don't hesitate to call me at (312) 559-0122.

Sincerely,

Mark Burchett
Vice President

REGION III RESPONSES
TO REQUEST FOR INFORMATION

Region III requests are copied here in italics, followed by RSI's response, or reference to attachments.

1. *Provide a detailed description of the operations actually conducted at the Facility:*

RSI's operations were limited to the treatment of approximately one half drum of contaminated soils. These soils were created for RSI to demonstrate it's treatment technology, which RSI mobilized to and from the 210 E. 10th Street site. The purpose of this was to secure permitting status for the site as a fixed treatment and storage facility, with the hope of being able to develop the site into an ongoing operation. Details pertaining to these operations are as follows:

a. *The date(s) of operation:*

Treatment Date: September 15, 1990
Storage Dates: September 15, 1990 to October 4, 1991

(NOTE: Not regulated as hazardous until 9/25/90)

b. *The source, amount and nature of any materials processed at the Facility:*

The soils were created for RSI at the direction of RSI's environmental consultant, Compliance Services, Inc. ("CSI"), of Wayne, Pennsylvania. The soils were prepared by Ultronix, of Devon, Pennsylvania. The soils were comprised of the following, according to CSI representatives:

Clean sand with approximately two gallons of unleaded gasoline added per drum (approximately 700 pounds.) Six drums of this sand/gasoline mixture were prepared for the test, though only about one half of one drum was used in the test. Pre-processing sampling and analysis showed benzene (D018) at levels of 1.5 and 2.8 parts per million, qualifying the soils as a hazardous waste by the characteristic of toxicity (i.e., TC waste).

c. *The processes used at the Facility:*

The treatment unit utilized was RSI's Desorption and Vaporization Extraction (DAVE) System. This is a low temperature thermal desorption device. A description of the DAVE System is included in Attachment A.

The other process that was utilized was container storage (i.e., drum storage), which has a handling code of S01, as referenced in 40 CFR Part 265 Appendix I.

- d. *Any waste streams generated as a result of operations at the Facility, including the manner in which such streams are treated, stored, disposed of, or otherwise managed:*

Approximately one half of one drum of clean sand was placed into the processing equipment to bring the vapor extraction section up to operating temperature. The contaminated sand was then added for processing. Output from the treatment device was approximately one drum of a clean sand/processed sand mixture. This mixture was then sampled and analyzed. Analysis results showed no levels of contaminants above laboratory detection limits. These soils no longer exhibited the characteristic of toxicity, and were then moved into the secured storage area.

Other treatment byproducts included the generation of a small amount of baghouse fines and about 250 gallons of process water, which was placed in sealed drums and moved to the secured storage area. When analyzed, samples of the process water tested below regulatory levels. The fines showed some contamination though also were low enough to pass the TC test, and the volume of fines generated during the test were completely used to make up the sample for analysis, thus requiring no further handling or storage.

The remaining 5 1/2 drums of untreated TC waste were labeled as hazardous waste, and were placed in the secured storage area. All 12 drums were then placed in a sealed hazardous waste rolloff.

Each of these drums of soil or process water was shipped to RSI's Wayne, Michigan Site on October 4, 1991, prior to being sent for final disposal at ChemMet Services in Wyandotte, Michigan, on January 9, 1992.

2. *Identify any and all federal, state and local permits or approvals obtained or applied for with respect to operations conducted or expected to be conducted at the Facility. With respect to each such permit or approval, provide the following:*

- a. *the date of the application*
- b. *copies of the permit or requests for approval, and*
- c. *copies of any correspondence between you and any regulatory or governmental authority regarding or referring to the permit or approval.*

Permit 1: Notification of Hazardous Waste Activity and Acknowledgment of Hazardous Waste Activity

- a. RSI filed the Notification on June 27, 1990, and received Acknowledgment and a U.S. EPA Identification Number on July 26, 1990.
- b. Copies of these documents are provided in *Attachment B*.
- c. RSI is not aware of any other correspondence than that which is provided in this attachment.

Permit 2: RSI's Part A Permit Application

- a. The date of the Application is September 25, 1990.
- b. A copy of the Application is provided in *Attachment C*.
- c. A copy of a letter to RSI from Mr. Frank McAlister of U.S. EPA is included in *Attachment D* which provided a written record to facts RSI had obtained from EPA regarding the validity and scope of RSI's method of obtaining Interim Status at the 210 E. 10th St. Site.

Permit 3: RSI's "Request for Determination of Requirement for Plan Approval/Operating Permit Application"

- a. The date of the request is September 12, 1990.
- b. A copy of the request is provided in *Attachment E*.
- c. RSI is unaware of any written correspondence concerning this request. It is RSI's recollection that the request form was provided to RSI either as a result of phone contact, or through local legal counsel. As stated in the comments of the request, PADER found it unnecessary for RSI to obtain an air emissions permit for the test performed.

Permit 4: RSI's revised Part A Application

- a. The date of the revised Application is September 16, 1991.
- b. A copy of the revised Application is provided in *Attachment F*.
- c. RSI is unaware of any correspondence regarding this Permit revision.

3. *Provide copies of any hazardous waste manifests, invoices, or other shipping documents received by the Facility with respect to materials received at the Facility for processing.*

A copy of the requested Special Waste Bill of Lading, and service invoice are provided in *Attachment G*.

4. *Provide copies of any hazardous waste manifests and any notifications and/or certifications required under 40 CFR § 268.7 prepared by the Facility with respect to materials generated at the Facility.*

Copies of the requested documents are provided in *Attachment H*. Also included is a letter informing Mr. Bill Steuteville of the movement of the drums off-site. Mr. Steuteville is the on-scene coordinator for the Superfund activities ongoing at the site, in whom RSI consulted with in determining RSI's course of actions at the site.

5. *Provide copies of any waste analysis or other chemical or physical analyses conducted by or on behalf of the Facility or any other person with respect to any materials received for processing and any waste streams generated at the Facility.*

Copies of the requested documents are provided in *Attachment I*. Please note that sample analyses not included in this submission which are indicated on the accompanying chain-of-custody are for ground samples RSI collected to determine the background contamination present near the area of the Site grounds.

6. *Identify those portions of the Facility, if any, currently constructed and, for each portion, provide the dates construction started and was completed.*

RSI did not construct any portion of the proposed facility, though a temporary fence was erected to secure the drums of soil and process water stored on site. In addition, the roadway leading into the 210 E. 10th St. site was restricted to vehicular access by the placing of a cable with padlock across the entrance. These activities are believed by RSI to have occurred on or about September 21, 1990.

7. *Identify those portions of the Facility, if any, with respect to which construction is not yet completed, and, for each portion, provide the dates or expected dates of the start-up and completion of construction. Provide copies of any documents evidencing any contractual obligations entered into by the Facility for physical construction at the Facility.*

Besides the installation of the fenced area for material storage and the cable installed at the gate, RSI has not entered into any contractual arrangements for the physical construction of the Facility.

8. *Provide a copy of the written waste analysis plan for the Facility required under 40 CFR § 265.13(b).*

The current Waste Analysis Plan used by RSI is the plan generated for RSI's Marana, Arizona facility, a copy of which is provided in *Attachment J*. This Plan was developed independently of the site specific requirements of the Marcus Hook site, as no further activity was planned for this site.

9. *Provide a copy of the written inspections schedule for the Facility required under 40 CFR § 265.15(b).*

RSI contracted for the performance of weekly inspections at the Site with Compliance Services, Inc. Upon inspection of the Site in October of 1991 RSI personnel found the site relatively undisturbed (i.e., some of the warning signs were missing), with no evidence of any releases or of tampering with the wastes or waste containers, or of the

security fence and lock surrounding the drums. RSI was unable to locate records of weekly inspections which in phone conversation with CSI, had reportedly been completed.

10. *Provide copies of the personnel and training documents maintained at the Facility as required by 40 CFR § 265.16(d)*

Copies of current training documents are provided in *Attachment K*. As there were no RSI employees stationed at the Marcus Hook site, there are no personnel records which apply. The training documents provided include typical staff positions for an operational facility, along with job descriptions and training requirements for those positions.

11. *Identify whether the Facility is equipped with the equipment described in 40 CFR § 265.32, and, with respect to any equipment not in place, explain why such equipment is not required.*

The 6 drums of non-ignitable contaminated soil on site during the active life of the Site were safely stored in a securely fenced area. There was minimal handling of these containers, and they were moved off-site October 4, 1991. RSI feels that the storage of this small amount of soil in sealed containers does not warrant compliance with the requirements of 40 CFR § 265.32.

12. *Provide a description of the arrangements and agreements made with state and local authorities with respect to the Facility in accordance with 40 CFR § 265.37.*

As there were no waste handling operations after the test run on September 15, 1991, site operations were limited to the storage of the 6 drums of hazardous, and the 6 drums of non-hazardous waste. In light of the minimal time requirements for safely managing these wastes, RSI subcontracted its emergency response and site management services through Compliance Services, Inc. of Wayne, Pennsylvania. These services included the contacting of the appropriate local authorities in regards to the RSI site, contingency plan distribution to these authorities, emergency response requirements, and to act as an information liaison for inquiries into RSI's operations. A copy of the Service Agreement with CSI is provided in *Attachment L*, along with a list of the local authorities supplied contingency plans by RSI, through CSI.

13. *Provide copies of the Facility's Contingency Plan, Operating Record, and Closure Plan as required under 40 CFR Sections 265.51, 265.73, 265.112, respectively.*

The Contingency Plan, as with the Waste Analysis plan above, is provided in its current form for the Marana, Arizona facility in *Attachment M*.

The operating record for the Site was comprised of the following: the shipping papers included in *Attachment G*; the analysis results of soils provided in *Attachment I*; and the required plans and associated documents outlined in 40 CFR Part 265. RSI, upon inspection of the site, was unable to locate any other documents which were reported to be part of the site operating record.

To the best of RSI's knowledge, the Closure Plan provided in *Attachment N* is a copy of the most recent filed for the Marcus Hook site.

14. *Provide a description of the assumptions made in calculating the cost estimate for the closure of the Facility.*

Attachment O provides a detailed breakdown and description of the closure cost estimate included in the RSI Closure Plan provided in *Attachment N* above.

15. *Provide a copy of any tank assessment performed with respect to tanks used for the storage or treatment of hazardous waste at the Facility as required under 40 CFR § 265.192.*

RSI has not utilized tanks for the storage or treatment of hazardous wastes at the 210 E. 10th Street site, therefore this request does not apply.

16. *Provide a description of the measures taken with respect to the Facility in accordance with 40 CFR § 265.14.*

RSI feels that the requirements of this part have been met in two ways. Firstly, the soils handled were kept completely sealed after processing, labeled as hazardous waste, and placed in secured storage. Accidental, direct physical contact with the soils was not possible, and injury due to contact with these sealed containers was unlikely. Special tools are required to open these containers, further discouraging tampering with these drums. Secondly, RSI had installed a perimeter fence around the storage area. This fence enclosed an area approximately 15'x15', and was constructed of 6 foot high chain link fencing, topped with three strands of barbed wire. Warning signs were affixed to this fencing on all sides, and upon the gate to the enclosure. These signs had embossed upon them the following warning, legible from at least 25 feet away: "DANGER - UNAUTHORIZED PERSONNEL KEEP OUT." RSI believes that utilizing sealed container storage in combination with a security fence in good repair is sufficient to meet the requirements of this part.

LIST OF ATTACHMENTS

| <u>Attachment</u> | <u>Description</u> | <u>Date</u> |
|-------------------|---|----------------------|
| A | DAVE System Description | 8/10/92 |
| B | RSI's Notification of Hazardous Waste Activity, and Acknowledgment of Hazardous Waste Activity | 6/27/90 & 7/26/90 |
| C | RSI's Part A Permit Application | 9/25/90 |
| D | Mr. Frank McAlister Letter | 2/27/91 |
| E | RSI's "Request for Determination of Requirement for Plan Approval/ Operating Permit Application | 9/12/90 |
| F | RSI's Revised Part A Application | 9/16/91 |
| G | Requested Shipping Papers (To the RSI Site) | 9/15/90 |
| H | Requested Shipping Papers (From the RSI Site) | 10/4/91 & 1/9/92 |
| I | Analysis of Soils Handled By RSI | 9/28/90 |
| J | RSI Waste Analysis Plan | 7/28/92 |
| K | Personnel and Training Documents | 7/28/92 |
| L | Service Agreement with Compliance Services, Inc. | 9/20/90 |
| M | RSI Contingency Plan | 7/28/92 |
| N | RSI Closure Plan with Financial Assurance | 1/14/92 |
| O | Closure Cost Estimate Description | 8/10/92 |